



2.92mm Male to 1.85mm Male Precision Cable  
36 Inch Length Using 095 Series Coax, RoHS

TECHNICAL DATA SHEET

PE36674-36

2.92mm Male to 1.85mm Male Precision Cable 36 Inch Length Using 095 Series Coax, RoHS

**Configuration**

|             |             |
|-------------|-------------|
| Connector 1 | 2.92mm Male |
| Connector 2 | 1.85mm Male |
| Cable Type  | 095 Series  |

**Electrical Specifications**

|                                 |          |
|---------------------------------|----------|
| Frequency Range, GHz            | DC to 40 |
| Impedance, Ohms                 | 50       |
| Maximum VSWR                    | 1.4:1    |
| Velocity of Propagation, %      | 69.5     |
| RF Shielding, dB                | 90       |
| Maximum Operating Voltage, Vrms | 700      |

Electrical Specification Notes:

Short lengths up to 24" long may exhibit VSWR measurements up to 9% higher.

**Mechanical Specifications**

**Cable Assembly**

|            |            |
|------------|------------|
| Cable Type | 095 Series |
|------------|------------|

**Temperature**

|                                    |             |
|------------------------------------|-------------|
| Temperature Operating Range, deg C | -48 to +204 |
|------------------------------------|-------------|

**Size**

|                                       |            |
|---------------------------------------|------------|
| Length, in [mm]                       | 36 [914.4] |
| One Time Minimum Bend Radius, in [mm] | 0.5 [12.7] |

**Cable**

|                          |                           |
|--------------------------|---------------------------|
| Center Conductor Type    | Solid                     |
| Cable Inner Conductor    | Copper Clad Steel, Silver |
| No of Shields            | 2                         |
| Dielectric Type          | PTFE                      |
| Jacket Material          | FEP                       |
| Jacket Diameter, in [mm] | 0.095 [2.41]              |

**Connector 1**

|                                      |                            |
|--------------------------------------|----------------------------|
| Type                                 | 2.92mm Male                |
| Configuration                        | Straight                   |
| Inner Conductor Material and Plating | Brass, Gold                |
| Coupling Nut Material and Plating    | Passivated Stainless Steel |
| Hex Size, in.                        | 5/16                       |
| Torque, in-lbs [Nm]                  | 8 [0.9]                    |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Male to 1.85mm Male Precision Cable 36 Inch Length Using 095 Series Coax, RoHS PE36674-36](#)

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.



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Body Material and Plating  
Dielectric Type

Passivated Stainless Steel  
Noryl

**Connector 2**

Type  
Configuration  
Inner Conductor Material and Plating  
Coupling Nut Material and Plating  
Hex Size, in.  
Torque, in-lbs [Nm]  
Body Material and Plating  
Dielectric Type

1.85mm Male  
Straight  
Copper Clad Steel, Silver  
Passivated Stainless Steel  
5/16  
8 [0.9]  
Passivated Stainless Steel  
PTFE

**Compliance Certifications** (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant

Yes

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

2.92mm Male to 1.85mm Male Precision Cable 36 Inch Length Using 095 Series Coax, RoHS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Male to 1.85mm Male Precision Cable 36 Inch Length Using 095 Series Coax, RoHS PE36674-36](http://www.pasternack.com/2.92mm-male-1.85mm-male-095-series-cable-assembly-pe36674-36-p.aspx)

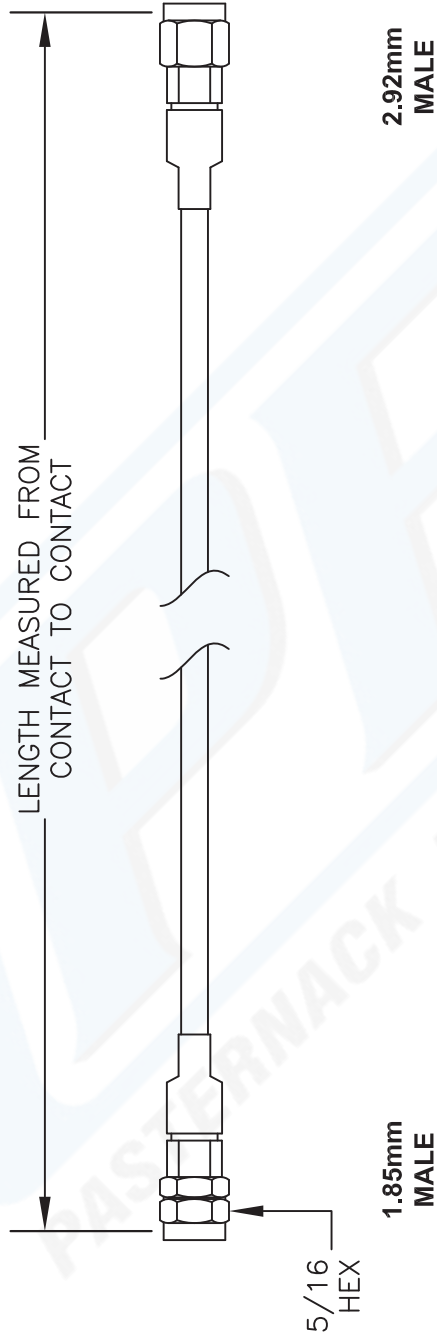
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# PE36674-36 CAD Drawing

2.92mm Male to 1.85mm Male Precision Cable 36 Inch

Length Using 095 Series Coax, RoHS



| How To Order                                                                                                                           |  |                                                                                      |               |                  |               |                       |
|----------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------|---------------|------------------|---------------|-----------------------|
| Part Number Configuration                                                                                                              |  | Examples<br><br>PE3000LF-100<br><br>PE3000-100<br><br>PE3000LF-100CM<br>PE3000-100CM | Part # Ext.   | Length In Inches | Part # Ext.   | Length In Centimeters |
| PE3 <input type="text" value="zzz"/> <input type="text" value="yy"/> - <input type="text" value="xx"/> <input type="text" value="uu"/> |  |                                                                                      | -12           | 12"              | -25CM         | 25Cm                  |
| 00 - 99999                                                                                                                             |  |                                                                                      | -24           | 24"              | -50CM         | 50Cm                  |
| LF = RoHS Compliant<br>< Blank > = Standard                                                                                            |  |                                                                                      | -36           | 36"              | -75CM         | 75Cm                  |
| Note: LF applies only to RF cables                                                                                                     |  |                                                                                      | -48           | 48"              | -100CM        | 100Cm                 |
| CM = Centimeters<br>< Blank > = Inches                                                                                                 |  |                                                                                      | -60           | 60"              | -125CM        | 125Cm                 |
| Length                                                                                                                                 |  | -xx                                                                                  | Custom Length | -xxCM            | Custom Length |                       |

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DWG TITLE  
**PE36674**

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].  
4. LENGTH TOLERANCE IS ± 1.5% OR 3/8", WHICHEVER IS GREATER.

|          |        |       |     |      |   |      |
|----------|--------|-------|-----|------|---|------|
| CAD FILE | 030308 | SCALE | N/A | SIZE | A | 2233 |
| FSCM NO. |        | 53919 |     |      |   |      |